

CLAIMS

What is claimed is:

- 1 1. A method for tracing a traffic event utilizing a firewall, comprising:
 - 2 (a) executing a firewall on a local computer;
 - 3 (b) monitoring traffic events between the local computer and a remote computer
 - 4 over a network utilizing the firewall;
 - 5 (c) displaying the traffic events utilizing the firewall;
 - 6 (d) tracing at least one of the traffic events utilizing the firewall; and
 - 7 (e) displaying a map of the trace utilizing the firewall.
- 1 2. The method as recited in claim 1, wherein the traffic events are displayed in
2 an event log.
- 1 3. The method as recited in claim 2, wherein the event log identifies a time and
2 an Internet Protocol (IP) address associated with the traffic events.
- 1 4. The method as recited in claim 2, wherein the traffic events are organized
2 based on times the traffic events are logged.
- 1 5. The method as recited in claim 2, wherein the traffic events include attempts
2 to access the local computer.
- 1 6. The method as recited in claim 1, wherein the at least one traffic event is
2 traced in response to a user request.
- 1 7. The method as recited in claim 1, wherein the tracing includes identifying a
2 plurality of network segments traversed by the traffic event.

- 1 8. The method as recited in claim 7, wherein the map includes the network
2 segments.
- 1 9. The method as recited in claim 8, and further comprising displaying a
2 plurality of views of the map.
- 1 10. The method as recited in claim 9, wherein a geographical location of the
2 network segments is displayed upon the selection of a first one of the views.
- 1 11. The method as recited in claim 10, wherein nodes of the network segments
2 are displayed upon the selection of a second one of the views.
- 1 12. The method as recited in claim 11, wherein a list of the network segments are
2 displayed upon the selection of a third one of the views.
- 1 13. A computer program product for tracing a traffic event utilizing a firewall,
2 comprising:
3 (a) computer code for executing a firewall on a local computer;
4 (b) computer code for monitoring traffic events between the local computer and
5 a remote computer over a network utilizing the firewall;
6 (c) computer code for displaying the traffic events utilizing the firewall;
7 (d) computer code for tracing at least one of the traffic events utilizing the
8 firewall; and
9 (e) computer code for displaying a map of the trace utilizing the firewall.
- 1 14. The computer program product as recited in claim 13, wherein the traffic
2 events are displayed in an event log.
- 1 15. The computer program product as recited in claim 14, wherein the event log
2 identifies a time and an Internet Protocol (IP) address associated with the
3 traffic events.

- 1 16. The computer program product as recited in claim 14, wherein the traffic
2 events are organized based on times the traffic events are logged.
- 1 17. The computer program product as recited in claim 14, wherein the traffic
2 events include attempts to access the local computer.
- 1 18. The computer program product as recited in claim 13, wherein the at least
2 one traffic event is traced in response to a user request.
- 1 19. The computer program product as recited in claim 13, wherein the tracing
2 includes identifying a plurality of network segments traversed by the traffic
3 event.
- 1 20. The computer program product as recited in claim 19, wherein the map
2 includes the network segments.
- 1 21. The computer program product as recited in claim 20, and further comprising
2 computer code for displaying a plurality of views of the map.
- 1 22. The computer program product as recited in claim 21, wherein a
2 geographical location of the network segments is displayed upon the
3 selection of a first one of the views.
- 1 23. The computer program product as recited in claim 22, wherein nodes of the
2 network segments are displayed upon the selection of a second one of the
3 views.
- 1 24. The computer program product as recited in claim 23, wherein a list of the
2 network segments are displayed upon the selection of a third one of the
3 views.

- 1 25. A system for tracing a traffic event utilizing a firewall, comprising:
2 (a) logic for executing a firewall on a local computer;
3 (b) logic for monitoring traffic events between the local computer and a remote
4 computer over a network utilizing the firewall;
5 (c) logic for displaying the traffic events utilizing the firewall;
6 (d) logic for tracing at least one of the traffic events utilizing the firewall; and
7 (e) logic for displaying a map of the trace utilizing the firewall.

- 1 26. A method for tracing a traffic event utilizing a firewall, comprising:
2 (a) executing a firewall on a local computer;
3 (b) monitoring traffic events between the local computer and a remote computer
4 over a network utilizing the firewall;
5 (c) displaying the traffic events utilizing the firewall;
6 (d) tracing at least one of the traffic events utilizing the firewall;
7 (e) displaying a geographical location of a plurality of network segments
8 associated with the traffic event upon the selection of a first one of a plurality
9 of views utilizing the firewall;
10 (f) displaying a plurality of nodes of the network segments upon the selection of
11 a second one of the views utilizing the firewall; and
12 (g) displaying a list of the network segments upon the selection of a third one of
13 the views utilizing the firewall.

- 1 27. A method for tracing a traffic event utilizing a firewall, comprising:
2 (a) executing a firewall on a local computer;
3 (b) monitoring traffic events between the local computer and a remote computer
4 over a network utilizing the firewall;
5 (c) logging the traffic events in an event log utilizing the firewall, wherein the
6 event log identifies a time and an Internet Protocol (IP) address associated
7 with the traffic events;

- 8 (d) organizing the traffic events in the event log based on times the traffic events
9 are logged utilizing the firewall;
- 10 (e) displaying the traffic events in the event log utilizing the firewall;
- 11 (f) detecting the selection of one of the traffic event by a user;
- 12 (g) tracing at least one of the traffic events utilizing the firewall upon the
13 selection thereof, wherein the tracing identifies a plurality of network
14 segments traversed by the traffic event;
- 15 (h) detecting the selection of one of a plurality of views by the user; and
- 16 (i) displaying the network segments in the selected view upon the selection of
17 one of the views.

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